

# United States Department of Agriculture

## MONTHLY LIST OF PUBLICATIONS

DECEMBER, 1931

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Any five of the general publications listed herein, except those otherwise noted, may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the department's supply lasts. As many as five additional publications may be sent free if the applicant gives sufficient proof that they are urgently needed. Free distribution of periodicals is restricted.

After the department's supply is exhausted, publications may still be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., but by purchase only, and at the prices stated herein.

Except in the case of exchanges, publications are not sent free to residents of foreign countries.

 Send all remittances to the Superintendent of Documents direct. His office is not a part of the Department of Agriculture.

### GENERAL PUBLICATIONS

#### FARMERS' BULLETINS

These bulletins discuss in nontechnical language a wide variety of subjects pertaining to the farm and farm home.

Anthrax or charbon. Henry J. Washburn, Bureau of Animal Industry. Revised by John S. Buckley. 14 p., illus. (Farmers' Bulletin 784F., rev.) Price, 5¢.

Raspberry culture. George M. Darrow and George F. Waldo, Bureau of Plant Industry. 41 p., illus. (Farmers' Bulletin 887F., rev.) Price, 10¢.

Sudan grass. H. N. Vinall, Bureau of Plant Industry. 22 p., illus. (Farmers' Bulletin 1126F., rev.) Price, 5¢.

The farm lease contract. L. C. Gray and Howard A. Turner, Bureau of Agricultural Economics. 36 p. (Farmers' Bulletin 1164F., rev.) Price, 5¢.

Quack grass. L. W. Kephart, Bureau of Plant Industry. 30 p., illus. (Farmers' Bulletin 1307F., rev.) Price, 5¢.

Diseases and insects of garden vegetables. W. W. Gilbert, Bureau of Plant Industry, and C. H. Popenoe, Bureau of Entomology. 46 p., illus. (Farmers' Bulletin 1371, rev.) Price, 10¢.

Christmas trees as a cash crop for the farm. F. H. Eyre, Forest Service. 17 p., illus. (Farmers' Bulletin 1664F.) Price, 5¢.

Lubricating-oil sprays for use on dormant fruit trees. A. L. Quaintance, E. J. Newcomer, and B. A. Porter, Bureau of Entomology. 18 p., illus. (Farmers' Bulletin 1676F.) Price, 5¢.

Farmers in northern States grow timber as money crop. W. K. Williams, Office of Cooperative Extension Work. 22 p., illus. (Farmers' Bulletin 1680F.) Price, 5¢.

Usefulness of birds on the farm. W. L. McAtee, Bureau of Biological Survey. 14 p., illus. (Farmers' Bulletin 1682F.) Price, 5¢.

Fur laws for the season 1931-32. H. P. Sheldon and Frank G. Grimes, Bureau of Biological Survey. 30 p. (Farmers' Bulletin 1685F.) Price, 5¢.

#### LEAFLETS

This series carries popular material of the same general character as that carried by the Farmers' Bulletins, except that the leaflets are confined to specific practical directions, recommendations, remedies, and methods. They are brief and concise, written in formal, popular style, and are limited to eight pages.

Strip cropping to prevent erosion. H. V. Geib, Bureau of Chemistry and Soils, cooperating with Texas Agricultural Experiment Station. 6 p., illus. (Leaflet 85L.) Price, 5¢.

#### TECHNICAL BULLETINS

The Technical Bulletins contain the results of scientific and research work applying to a special crop, industry, or locality. The editions are limited, as they are intended primarily for scientific workers and subject-matter specialists.

Fungous diseases of the cultivated cranberry. C. L. Shear, Neil E. Stevens, and Henry F. Bain, Bureau of Plant Industry. 58 p., illus. (Technical Bulletin 258T.) Price, 25¢.

Slash disposal in the western yellow pine forests of Oregon and Washington. Thornton T. Munger, Pacific Northwest Forest Experiment Station, and R. H. Westfeld, Forest Service. 58 p., illus. (Technical Bulletin 259T.) Price, 20¢.

- Economical use of large tile for land drainage. Roger D. Marsden, Bureau of Agricultural Engineering. 24 p., illus. (Technical Bulletin 269T.) Price, 5¢.
- Relation of the method of watering dairy cows to their water consumption and milk production. T. E. Woodward and J. B. McNulty, Bureau of Dairy Industry. 14 p. (Technical Bulletin 278T.) Price, 5¢.

#### CIRCULARS

This series carries the less technical and more informal material of the same general nature as that in the Technical Bulletin series.

- Proximate composition of fresh fruits. Charlotte Chatfield and Laura I. McLaughlin, Bureau of Home Economics. 20 p. (Circular 50C., rev.) Price, 5¢.
- The Bellmar, Southland, and Redheart strawberries. George M. Darrow and George F. Waldo, Bureau of Plant Industry. 8 p., illus. (Circular 171C.) Price, 5¢.
- Buckwheat milling and its by-products. Mayne R. Coe, Bureau of Chemistry and Soils. 12 p., illus. (Circular 190C.) Price, 5¢.
- Crop rotation and tillage experiments at the San Antonio (Texas) Field Station. George T. Ratliffe and I. M. Atkins, Bureau of Plant Industry. 40 p., illus. (Circular 193C.) Price, 10¢.
- Preliminary report upon the infestation and general status of the European corn borer in western New York. H. N. Bartley and L. B. Scott, Bureau of Entomology. 22 p., illus. (Circular 197C.) Price, 5¢.
- An air-pressure extension brush for applying creosote to gipsy moth egg clusters. C. W. Collins and J. V. Schaffner, jr., Bureau of Entomology. 8 p., illus. (Circular 204C.) Price, 5¢.
- Deterioration of Christmas holly in transit and storage. R. C. Wright and T. M. Whiteman, Bureau of Plant Industry. 12 p., illus. (Circular 207C.) Price, 10¢.
- The farm real estate situation, 1930-31. B. R. Stauber, Bureau of Agricultural Economics. 68 p., illus. (Circular 209C.) Price, 15¢.

#### MISCELLANEOUS PUBLICATIONS

This series includes those publications of a miscellaneous nature which do not fall within any of the other series issued by the department, particularly those of a size other than octavo. Such publications were formerly issued as Miscellaneous Circulars.

- Fertilizers for cotton soils. J. J. Skinner, Bureau of Chemistry and Soils. 10 p., illus. (Miscellaneous Publication 126MP.) Price, 5¢.
- The agricultural outlook for the Southern States, 1931-32. Prepared by the Staff of the Bureau of Agricultural Economics. Assisted by Representatives of the Agricultural Colleges and Extension Services of the Southern States, the Federal Extension Service, and the Federal Farm Board. 56 p. (Miscellaneous Publication 137MP.) Price, 10¢.

#### SOIL SURVEYS

These reports consist of two parts: (1) A soil map in colors showing the extent and distribution of the different soils in the area covered by the survey; and (2) a printed report containing brief descriptions of the area, its climate and agriculture, and detailed descriptions of the soils. They are of interest and value primarily to residents of the area surveyed and to soil specialists. All requests for Soil Surveys are referred to the Bureau of Chemistry and Soils, which controls their distribution.

- Georgia, Cook County. (No. 11, Series 1923.) Price, 10¢.
- Kansas, Wilson County. (No. 22, Series 1927.) Price, 15¢.
- Maryland, Cecil County. (No. 23, Series 1927.) Price, 20¢.
- North Carolina, Gates County. (No. 1, Series 1929.) Price, 20¢.
- North Carolina, Martin County. (No. 8, Series 1928.) Price, 20¢.
- Texas, Victoria County. (No. 21, Series 1927.) Price, 25¢.

#### SERVICE AND REGULATORY ANNOUNCEMENTS

Such notices of judgment, decisions, and instructions as are necessary in the enforcement of regulatory acts are contained in these announcements. They are issued monthly or as necessary by certain bureaus. *Free distribution* is limited to persons in the employ of the department, to public officials whose duties render it necessary for them to have such information, to journals especially concerned, and to manufacturers and firms whose business is affected by the announcements.

- New and revised definitions and standards for food products. Food and Drug No. 2 (Second Revision). Supplement No. 1. Food and Drug Administration. 2 p. (S. R. A., F. D. No. 2, Rev. 2, Supp. 1.) Price, 5¢.

Notices of Judgment, 17001-18000, Index. Food and Drug Administration. pp. 637-656. Price, 5¢.

#### OTHER PUBLICATIONS

- Directory, Forest Service, October, 1931. 35 p. Price, 5¢.
- Emergency food relief and child health. Prepared by Martha M. Elliott and Agnes K. Hanna, Children's Bureau, United States Department of Labor, and Hazel K. Stiebeling, Bureau of Home Economics, United States Department of Agriculture. 10 p. Price, 5¢.
- Getting the most for your food money. Prepared jointly by the Bureau of Home Economics and the Extension Service. 4 p., illus. Price, 5¢.
- Report of the Secretary of Agriculture, 1931. Arthur M. Hyde. 102 p. Price, 15¢.
- Report of the Chief of the Bureau of Home Economics. Louise Stanley. 19 p. Price, 5¢.
- Report of the Chief of the Plant Quarantine and Control Administration. Lee A. Strong. 99 p. Price, 15¢.
- Report of the Chief of the Bureau of Public Roads. Thomas H. MacDonald. 88 p. Price, 10¢.
- Annual report of the Chief of the Bureau of Agricultural Economics. Nils A. Olsen. 69 p. Price, 10¢.
- Report of the Porto Rico Agricultural Experiment Station, 1930. 50 p., illus. Price, 10¢.

#### PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

Agricultural situation. Vol. 15, No. 12, December 1, 1931. Price, 5¢ a copy; 25¢ a year, domestic; 40¢ a year, foreign.

A brief general summary of current conditions, including pertinent statistics relating to production, movement, consumption, and prices of the important farm products.

Climatological data. Vol. 18, No. 7, July, 1931.

In 42 sections, containing weather statistics for 42 separate sections, each corresponding, as a rule, to a State. Monthly information for 1 section is 50¢ a year; for data regarding all 42 sections, 35¢ a month, or \$4 a year.<sup>1</sup> Not for general distribution.

Crops and markets. Vol. 8, No. 11, November, 1931. Price, 5¢ a copy; 60¢ a year, domestic; 85¢ a year, foreign.

Statistics concerning crops and livestock estimates and market information; reports on supplies, stocks, commercial movement, conditions and prices of agricultural products; and studies of prices and demand, both foreign and domestic.

Daily weather maps. Limited edition. Not for general distribution.

Shows weather conditions for United States and forecast for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, Upper Michigan, Lower Michigan, Alabama, Mississippi, and the extreme western portion of Florida. Price, daily, except Sundays and holidays, 25¢ a month, \$3.00 a year; daily, including Sundays and holidays, 30¢ a month, \$3.60 a year. Sunday and holiday maps only, 50¢ a year. Foreign subscriptions, \$7.25 a year. Maps DD, E, and CM, showing the weather conditions and forecasts, are issued at numerous stations throughout the United States; 20¢ a month, \$2.40 a year.<sup>1</sup>

Experiment station record. Vol. 64, index number; vol. 65, No. 9, December, 1931, abstract number. Single numbers for sale only. Price, 10¢.<sup>1</sup>

A technical review of the world's scientific literature pertaining to agriculture. Two volumes a year, of 10 numbers each; 75¢ a volume, domestic; \$1.25 a volume, foreign.

<sup>1</sup> Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

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Extension service review. Vol. 2, No. 12, December, 1931. Illus. Price, 5¢ a copy; 50¢ a year, domestic; 75¢ a year, foreign.<sup>1</sup>

Issued monthly by the Extension Service, of which it is the official organ, for the distribution of administration information.

Forest worker. Vol. 7, No. 7, November, 1931. Price, 5¢ a copy; 25¢ a year, domestic; 35¢ a year, foreign.<sup>1</sup>

News of State forestry, forestry education, private forestry, and the work of the Forest Service.

Journal of agricultural research. Price, 20¢ a copy; \$4 a year, domestic, \$5.25 a year foreign.<sup>1</sup> Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work. Separates of articles are distributed free to those desiring them, as long as the limited supply lasts.

— Vol. 43, No. 9. November 1, 1931.

#### CONTENTS:

Further studies of *Penicillium* injury to corn. Key No. G-776. Helen Johann, James R. Holbert, and James G. Dickson.

Toxic action of aqueous sodium chlorate on *Nitella*. Key No. G-788. H. R. Offord and R. P. d'Urbal.

The nonprotein nitrogen of the Alaska pea, with special reference to the chemical nature of humin nitrogen. Key No. G-790. S. L. Jodidi.

Oleoresin production from longleaf pine defoliated by fire. Key No. F-56. Eloise Gerry.

Some effects of straw mulch on yield of potatoes. Key No. Ohio-11. John Bushnell and F. A. Welton.

Monthly weather review. Vol. 59, No. 9, September, 1931. Illus. Price, 15¢ a copy; \$1.50 a year, domestic; \$2.25 a year, foreign.<sup>1</sup> Not for general distribution.

Contains (1) meteorological contributions and bibliography, (2) weather charts for the month with an interpretative summary, and (3) climatological tables.

Public roads. Vol. 11, Index; Vol. 12, No. 10, December, 1931. Illus. Price, 10¢ a copy; \$1 a year, domestic; \$1.50 a year, foreign.<sup>1</sup>

Snow and ice bulletin. Nos. 1-3, December 16, 23, 30, 1931. 1 p., map. 50¢ a year. Free distribution limited to cooperators with the Weather Bureau.

Issued on Tuesdays during the winter. Based on data from regular Weather Bureau and selected cooperative stations. As far as practicable all reports of snow and ice are given.

The official record. Vol. 10, Nos. 48-52, November 28, December 5, 12, 19, 26, 1931. Price, 5¢ a copy; 50¢ a year, domestic; \$1.10 a year, foreign.<sup>1</sup>

Contains official orders and miscellaneous information concerning the department's activities and such other matter as should be brought to employees' attention.

Weather outlook. Limited edition. Not for general distribution.

Prepared at and distributed from the following forecast centers of the Weather Bureau: Washington, D. C., New Orleans, La., Chicago, Ill., Denver, Colo., and San Francisco, Calif.

Weekly weather and crop bulletin. Not for general distribution.

Gives detailed weather conditions of preceding weeks and their effect on development of crops and farm operations. Limited edition.

<sup>1</sup> Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

Indicate below, by numbers, bulletins desired. In order to assure prompt delivery, detach this frank and return in stamped envelope to U. S. Department of Agriculture, Office of Information, Washington, D. C. List no more than five publications.

Farmers' Bulletins	Leaflets	Technical Bulletins	Circulars	Miscellaneous Publications	Other publications